

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050720\
 Data File : VW015415.D
 Acq On : 07 May 2020 12:49
 Operator : SY/VA
 Sample : VW0507SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0507SBL01

Quant Time: May 08 07:25:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	351966	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	144643	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	121507	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	7.88	113	105086	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	10.32	98	439537	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.62	95	156691	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

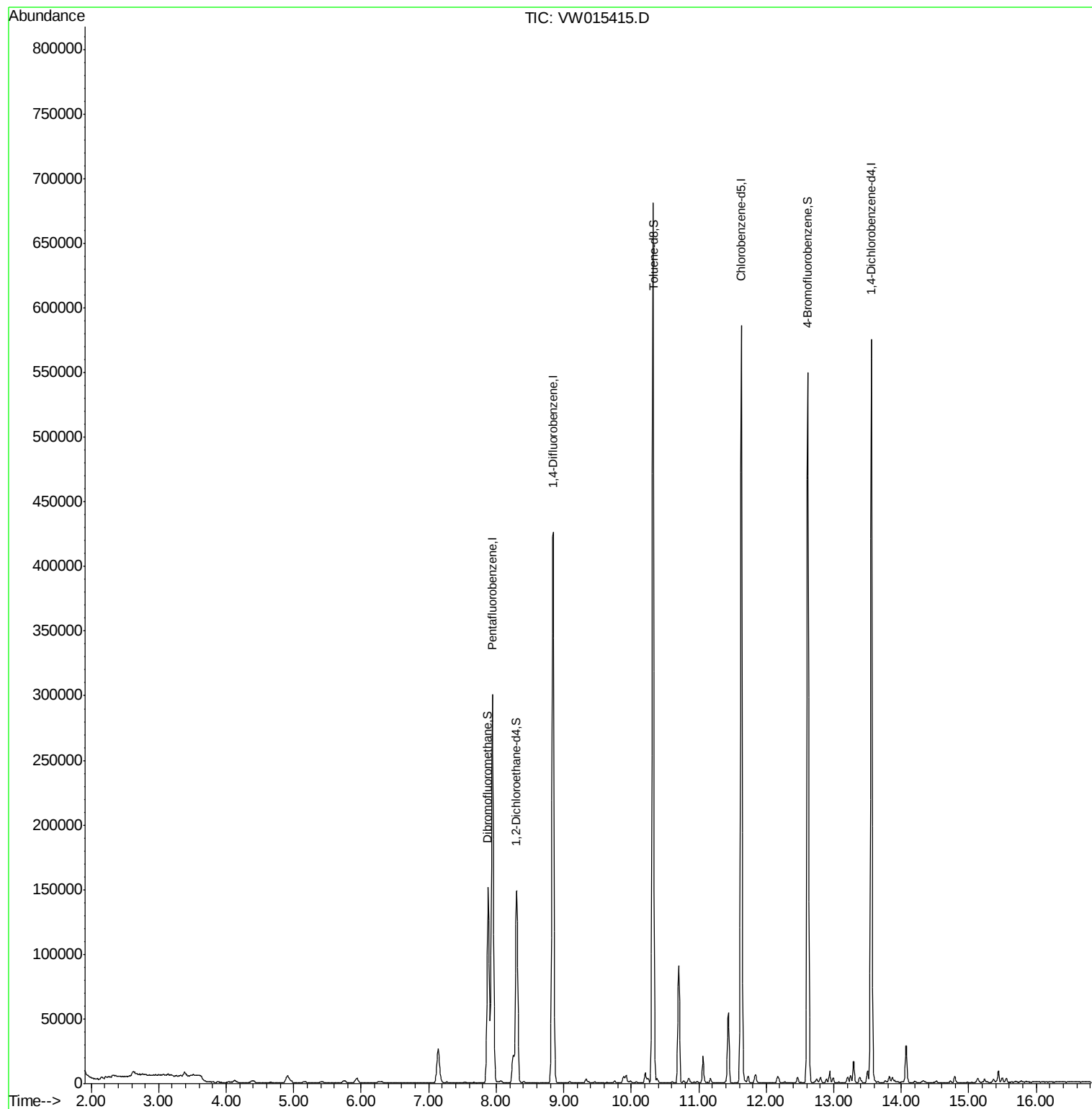
Target Compounds	Qvalue
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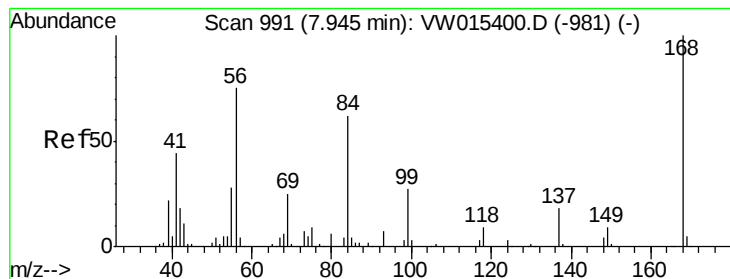
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW015415.D

Acq: 07 May 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

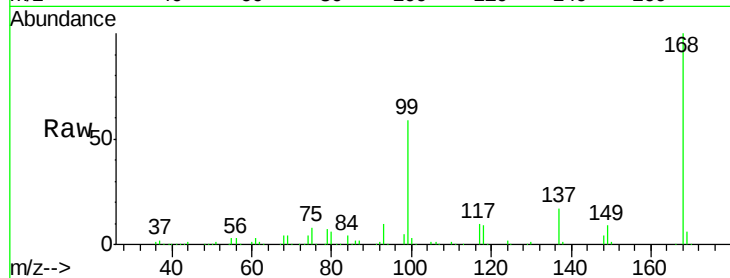
VW0507SBL01

Tot Ion:168 Resp: 218448

Ion Ratio Lower Upper

168 100

99 59.4 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

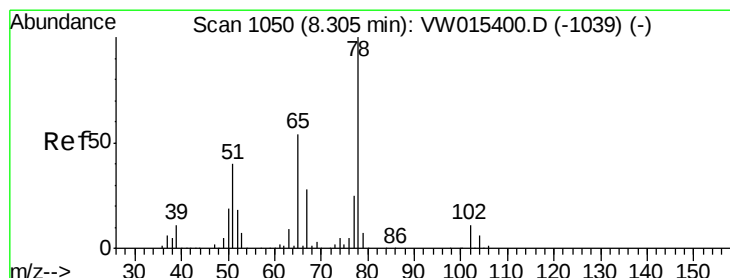
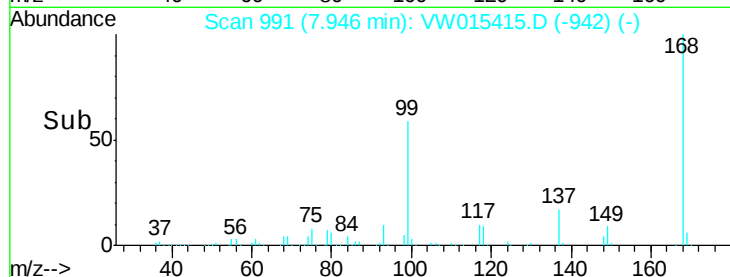
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 50.600 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW015415.D

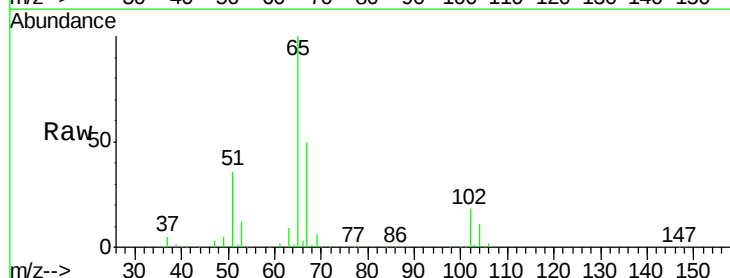
Acq: 07 May 2020 12:49

Tgt Ion: 65 Resp: 121507

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

60000

50000

40000

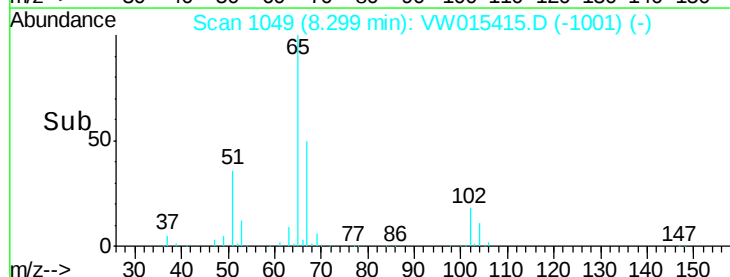
30000

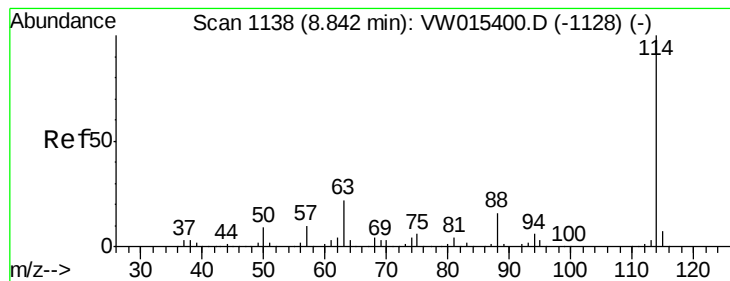
20000

10000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015415.D

Acq: 07 May 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW0507SBL01

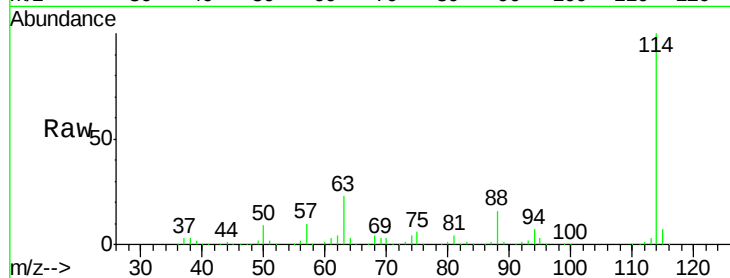
Tot Ion:114 Resp: 351966

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

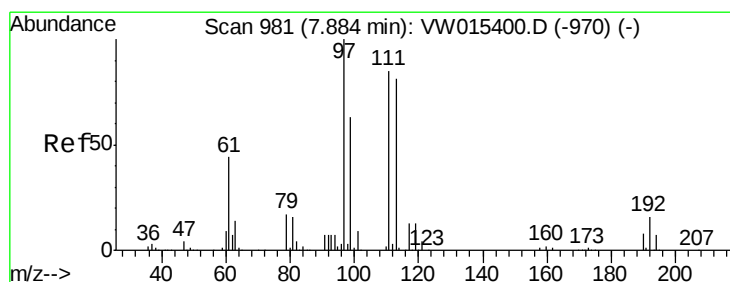
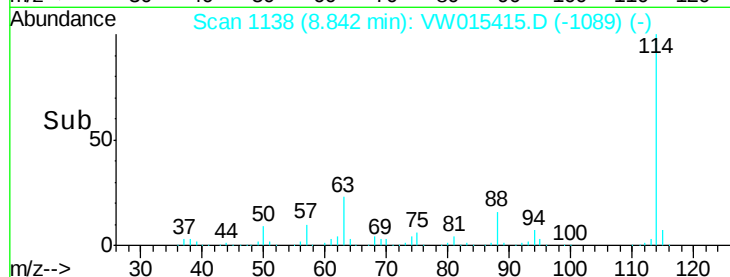
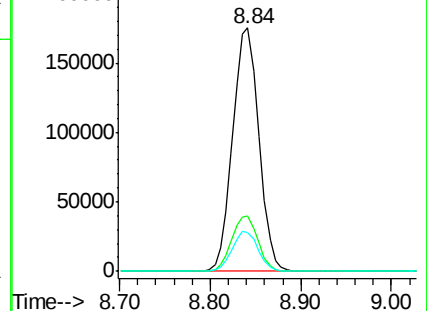
88 16.1 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 52.019 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW015415.D

Acq: 07 May 2020 12:49

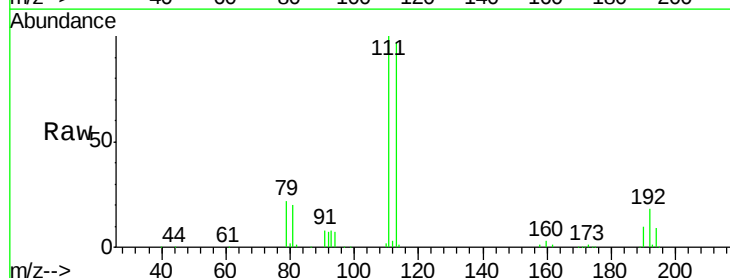
Tgt Ion:113 Resp: 105086

Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

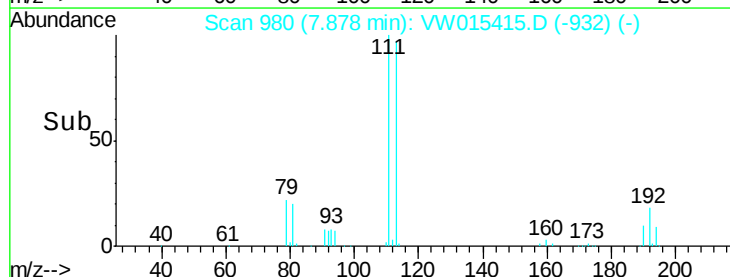
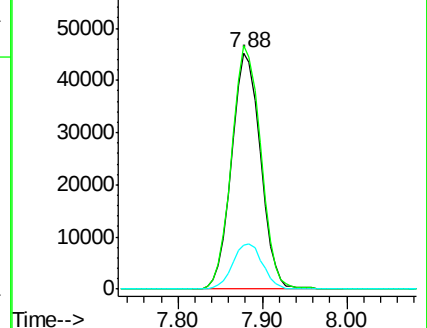
192 19.7 15.4 23.0

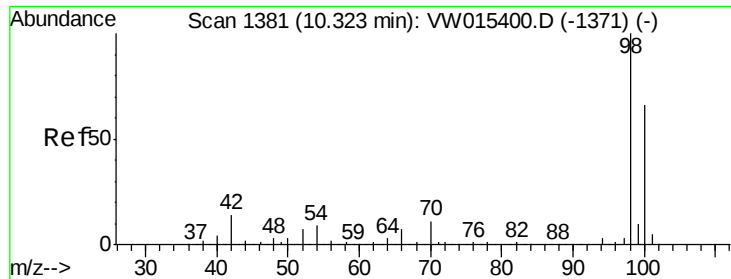


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.576 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015415.D

Acq: 07 May 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

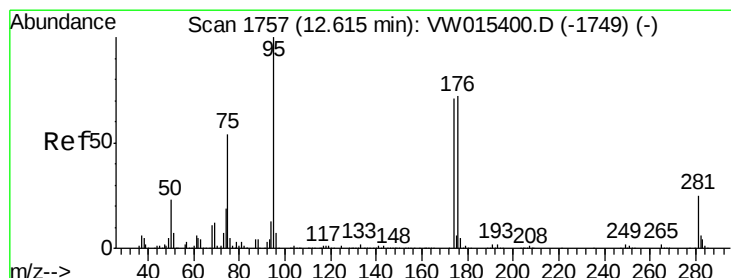
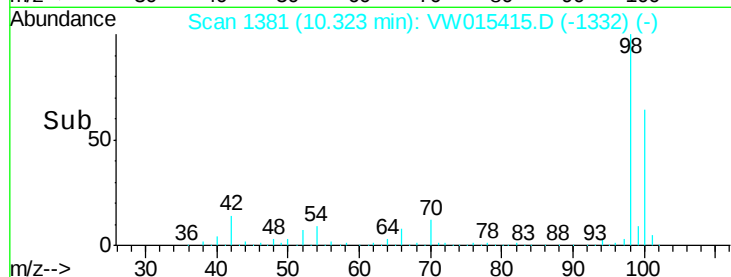
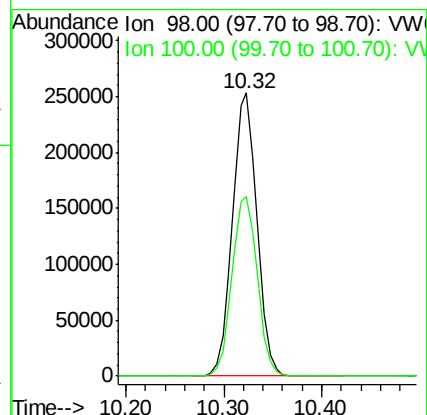
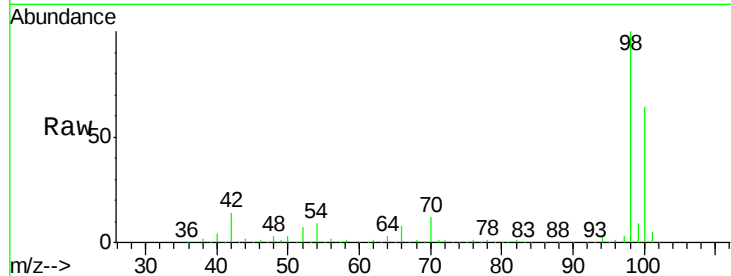
VW0507SBL01

Tot Ion: 98 Resp: 439537

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 50.758 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015415.D

Acq: 07 May 2020 12:49

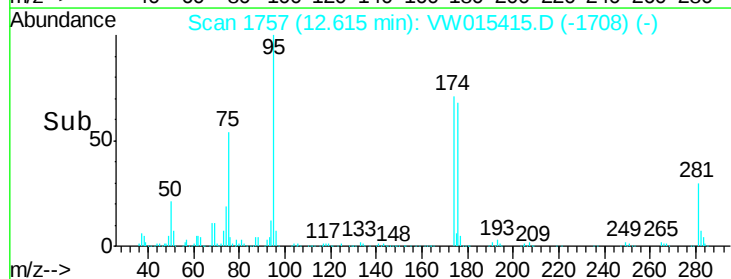
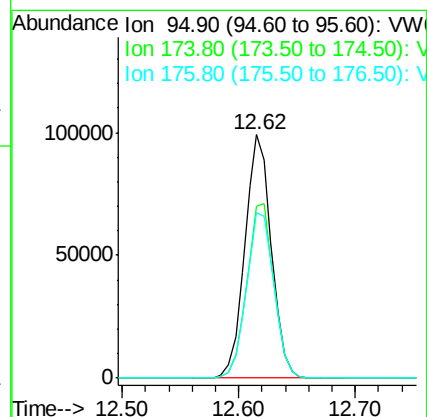
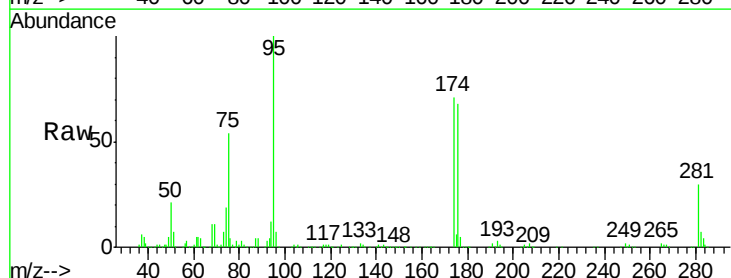
Tgt Ion: 95 Resp: 156691

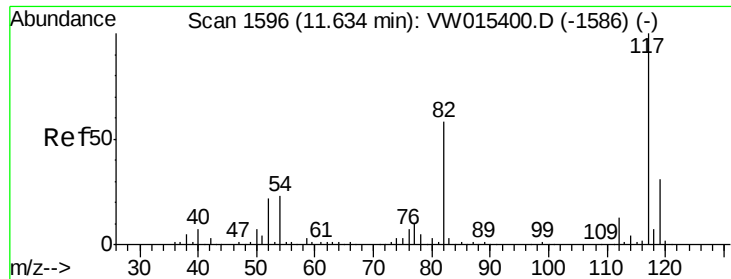
Ion Ratio Lower Upper

95 100

174 73.7 0.0 147.6

176 71.2 0.0 144.4

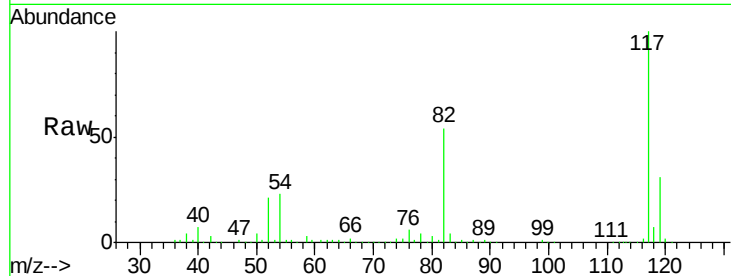




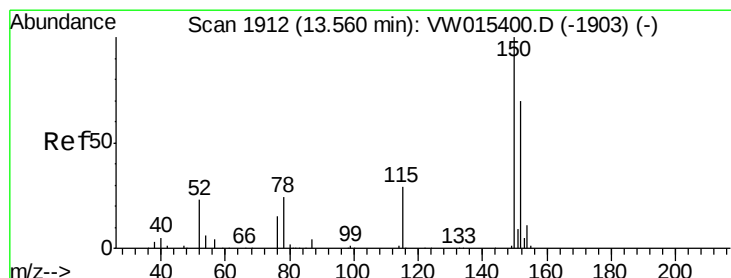
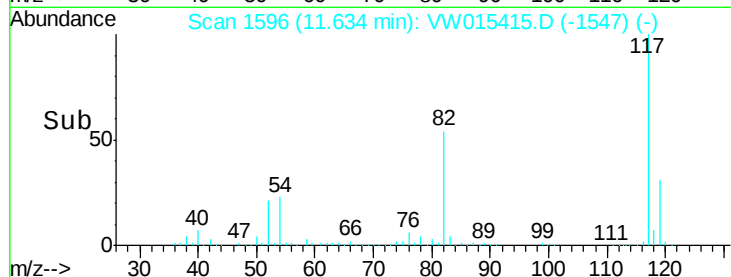
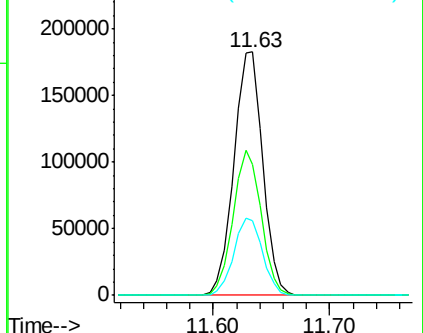
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015415.D
Acq: 07 May 2020 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0507SBL01

Tot Ion:117 Resp: 315801
Ion Ratio Lower Upper
117 100
82 53.6 46.4 69.6
119 30.9 24.6 37.0

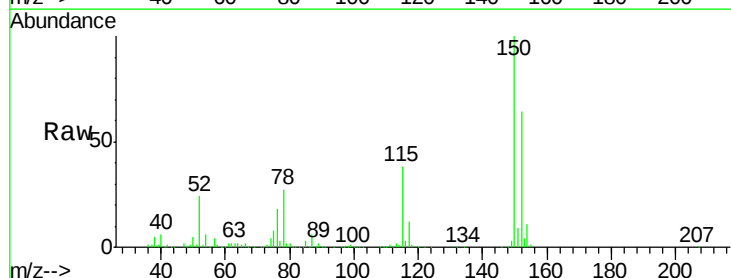


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015415.D
Acq: 07 May 2020 12:49

Tgt Ion:152 Resp: 144643
Ion Ratio Lower Upper
152 100
115 61.5 30.3 90.8
150 155.4 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

